

## ABSTRACT OF THE DISCLOSURE

Devices and methods for accurate volumetric measurement and dispensing of any liquid, regardless of that liquid's density and vapor pressure, are disclosed. This invention employs devices and methods which are used to eliminate free volume from a variable volume chamber. A desired volume of liquid can be measured accurately within the volume range of the chamber. These devices and methods are suitable for volumetric measurement and dispensing of any liquid, regardless of density or vapor pressure.